Author Index, Volume 107

Ackerman, I. P., 153
Allcock, E. A., 268
Amerson, J. R., 340
Amlicke, J. A., 744
Ansingh, H. R., 850
Arbuckle, L. D., 492
Artz, C. P., 277
August, S. F., 791, 913

Baker, E. E., 689
Balas, P. E., 656
Barbara, A. C., 810
Barker, W. F., 337
Barnes, W. A., 422
Baue, A. E., 653
Bell, J. W., 895
Benson, C. D., 429
Berard, C. W., 591
Bernstein, E. F., 268
Bigelow, R. R., 781
Bikerman, V., 50
Bishop, H. C., 434
Blakemore, W. S., 211
Bom, A. F., 556
Bondi, F. R., 614
Botsford, T. W., 837
Brady, M. P., 868
Brittain, R. S., 822
Burdette, W. J., 239
Burrows, B. A., 50
Butcher, H. R., Jr., 586
Byrne, J. J., 317, 671

Cahill, G. F., Jr., 144
Caldarola, V. T., 844
Campanale, R. P., 855
Cantor, M. O., 666
Carr, H. E., Jr., 123
Clarke, J. S., 253
Clarke, T. H., 380
Clatworthy, H. W., Jr., 447, 791
Cohn, I., Jr., 353
Cole, W. H., 361
Comarr, A. E., 642
Conn, J. W., 159
Connor, T. B., 58
Conway, H., 537
Cook, G. B., 911
Cook, W. B., 769
Cooley, D. A., 84, 474
Cope, O., 153
Countryman, L. K., 760
Cox, W. L., Jr., 881
Crane, C., 74
Crawford, E. S., 84
Crikelair, G. F., 556
Crile, G., Jr., 545
Crocker, D. W., 104, 121
Currie, R. A., 321
Curtis, G. W., 123

Dagg, E. W., 733
Davidson, M., 452
DeBakey, M. E., 84, 656
Degerli, I. U., 863
de Lorimier, A. A., 447
Dennis, C., 306
DePalma, R. G., 813
Desforges, J. F., 686
Dillon, J. B., 595
Dockerty, M. B., 844
Dugdale, M., 861
Dunn, T. M., 730
Dunning, E. J., 781
Dustan, H. P., 35
Dwight, R. W., 609

Edwards, W. H., 289
Egdahl, R. H., 757
Eichenwald, H. F., 518
Elliott, D. W., 258
Ellison, E. H., 669
Enquist, I. F., 306
Erickson, E. W., 614
Evans, J. A., 400

Farmelant, M. H., 50
Feld, M., 642
Fell, E. H., 792
Ferrer, J. M., Jr., 406
Fierst, S. M., 306
Fine, J., 723
Fitts, C. T., 277
Fitzpatrick, H. F., 813
Fonkalsrud, E. W., 337
Foote, F. W., Jr., 598
Francis, K. C., 598
Frazell, E. L., 565
Freeark, R. J., 792
Frobese, A. S., 249

Gaston, E. A., 569
Gerwig, W. H., Jr., 321, 760
Glas, W. W., 871, 883
Glotzer, D. J., 769
Gobbel, W. G., 289
Goldblatt, H., 21
Goldenberg, I. S., 693
Goodale, R. L., Jr., 268
Gordon, H. E., 253
Goswitz, J., 258
Gottschalk, R. G., 760
Graber, R., 878
Grace, J. T., Jr., 604
Grant, G. N., 258
Grant, R. B., 810
Greer, W. E. R., 192
Griffiths, C. O., 556
Groff, D. B., 725
Grollman, A., 202
Gröschel, U., 239
Gross, R. E., 14

Hall, D. P., 920
Hallman, G. L., 474
Harkins, H. N., 283
Harrison, I., 760
Harrison, J. H., 67, 104, 178
Hawthorne, H. R., 249
Healey, S. J., 837
Heiskell, E. F., Jr., 321
Hendren, W. H., 502
Henly, W. S., 656
Hermann, G., 822
Herrera, M. G., 144
Herrington, J. L., Jr., 289, 580, 858
Herrmann, J. B., 591
Hershey, F. B., 586
Hodgman, R. W., 620
Hoerr, S. O., 620
Holder, T. M., 458
Hollander, W., 204
Horwitz, A., 725
Howard, J. E., 58
Howe, C. W., 696
Humphreys, G. H., II, 406
Hutchinson, W. B., 850
Hutter, R. V. P., 598

Jackman, R. J., 844
Jackson, B. B., 907
Jackson, J. B., 899
Jeffers, W. A., 211
Joison, J., 317

Jordan, G. L., Jr., 313
Jordan, P. H., Jr., 367
Judd, E. S., 381
Juniper, K., Jr., 371

Karlson, K. E., 306
Kass, E. H., 701
Kelley, H. G., 644
Kengeter, J. P., 887
Kerry, R. L., 883
Kessler, F. B., 875
Khilnani, M. T., 754
Kiesewetter, W. B., 412
Kinsey, D., 5, 220
Kiriluk, L. B., 850
Knoernschild, H. E., 644
Knopf, R. F., 159
Knox, W. G., 547
Kolodner, L. J., 917
Koop, C. E., 434, 497

LaConte, M., 710
Larsen, R. R., 553
Laufman, H., 878
Lauler, D. P., 67
Leape, L. L., 297
Lee, B. Y., 346
Lemann, J., Jr., 38
Lepley, D., 637
Levenson, S. M., 710
Lipetz, C. A., 50
Little, B., 673
Lloyd, J. R., 429
Lutsky, I., 669
Lynn, H. B., 486
Lyons, A. S., 754

MacMahon, H. E., 765
Madden, J. L., 346
Madsen, A. J., 268
Maiztegui, J. I., 701
Manz, D. J., 887
Marable, S. A., 644
Marchioro, T. L., 822
Markgraf, W. H., 730
Marmor, L., 833
Martin, J. D., Jr., 340
Martin, L. W., 511
Mathieu, F. J., 353
May, A. M., 660
McCabe, R. E., 547
McCrory, W. W., 384
McCune, W. S., 329
McFarland, J. B., 277
McFee, A. S., 268
Menguy, R., 365
Merlino, A. F., 773
Millard, D. R., Jr., 802
Mills, M., 891
Mock, G., 781
Moertel, C. G., 844
Moody, F., 572
Moore, G. E., 604
Moore, O. S., 565
Morgen, R. O., 84
Morris, G. C., Jr., 84, 656
Muir, M. W., 733
Mustard, W. T., 480

Natvig, R. A., 885
Nay, H. R., 547
Nelson, S. W., 662
Nemir, P., Jr., 249
Nesbit, R. M., 159
Newton, R. C., 104
Nixon, J. E., 773
Nyhus, L. M., 283

Page, I. H., 26, 35
Paquin, A. J., Jr., 492
Pate, J. W., 861
Paulsen, E. P., 390
Phelan, J. T., 604
Ponka, J. L., 744
Postlethwait, R. W., 739
Potter, J. F., 647, 902
Poutasse, E. F., 97
Prothero, S. R., 855
Pulaski, E. J., 591

Raffensperger, J. G., 792
Raker, J. W., 153
Raymond, M. L., 919
Redo, S. F., 383, 469
Reid, W. M., 813
Relman, A. S., 173
Robertson, C. W., 78, 192
Ross, A. M., 211
Rudolph, A. M., 463

Santulli, T. V., 443
Savage, L. E., 283
Sawyer, K. C., 553
Sawyer, R. B., 553
Sawyers, J. L., 289
Schutt, R. P., 777
Scott, H. W., Jr., 289
Segaul, A. I., 891
Sellers, A. M., 211
Shean, F. C., 337
Sherwin, R. P., 136
Shinefield, H. R., 518
Shorb, P. E., Jr., 329
Sieber, W. K., 412
Smith, C. C., 733
Smith, C. H., 523
Smith, E. B., 751
Smith, R. M., 396
Smithwick, R. H., 1, 104, 178, 192, 220
Spatz, E. L., 678
Stark, R. B., 547
Starzl, T. E., 822
Stavney, L. S., 283
Steffee, C. H., 781
Stengel, B. F., 637
Stevens, L. E., 239
Stoesser, F. G., 789
Strieder, J. W., 683
Sullivan, J. M., 785

Taheri, S. A., 789
Tenney, B., 673
Thorbjarnarson, B., 572
Thorn, G. W., 123, 144
Tolstedt, G. E., 895
Torres, R. C., 553
Trexler, P. C., 710
Turell, R., 754
Turner, C. R., 412
Tygart, R. L., 871, 883

Unger, L., 178
Urista, M. S., 765

Veith, F. J., 868

Waddell, W. R., 822
Wade, P. A., 531
Waltz, P. K., 887
Wampler, J. P., 885
Wangensteen, O. H., 268
Watne, A. L., 321
Weaver, R. G., 733
Webb, W. R., 863
Weilbaecher, D. A., 353
Weinstein, L., 704
Weisel, W., 637
Welch, C. E., 297
Wertheimer, H. M., 891
Whitelaw, G. P., 5, 178, 220
Wilkins, R. W., 204
Williams, R. D., 791, 913
Winner, R. B., 253
Winter, C. C., 43, 816
Witmer, R. H., 875
Wolferth, C. C., 211
Woodward, S. C., 591

Yannopoulos, K., 556
Yates, B. M., 802

Zimberg, Y. H., 785
Zinner, N. R., 492
Zintel, H. A., 547
Zollinger, R. M., 233, 258

Subject Index, Volume 107

(E) = Editorial (TBC) = Tumor Board Conference

Abdomen
  blunt trauma to, 321
  masses of, in newborn infants, 502
Abdominal
  viscera, flow potential of, 785
  wall, partial resection of, 586
Ablation, regional lymphatic, in kidney homograft survival, 547
Abscess
  pulmonary, and empyema, 683
  subphrenic, 614
Achalasia of esophagus, management of, 249
Adhesive tape, surgical, and healing of incisions, 591
Adrenalectomy and sympathectomy, 211
Aldosteronism
  primary, characteristics of, 159
    diagnosis of, 173
  surgical treatment of, 178
Alimentary tract
  duplications of, 434
  foreign bodies in, 422
  tuberculosis of, 340
Alimentation, parenteral, maintenance requirements in, 384
Ampulla of Vater, carcinoma of, 572
Anastomosis, nonsuture intestinal, 353
Anemia, hemolytic, and sepsis, 686
Anesthesia, pediatric, 396
Aneurysm
  infrarenal aortic, resection of, 785
  of pancreaticoduodenal arteries, 644
Angiomas in infants and children, 511
Animals, immobilization of, 669
Antibiotics
  pre- and postoperative, 810
  use of, 518
Anticoagulant therapy, intramural hematoma of small intestine as complication of, 891
Antrum, gastric, and duodenum, stenosis of, 580
Anus, imperforate, 412
Aorta, coarctation of, in hypertension, 14
Aortography, retrograde, in study of renal arterial lesions, 78
Appendicitis, mortality in, 757
Argentaffinoma with regional lymph node metastasis, 855
Arteries
  pancreaticoduodenal, aneurysms of, 644
  renal, visualization of, 733
Arteriography
  infraclavicular vertebral, 656
  renal, and renal hypertension, 816
    lumbar approach in, 74
Artery
  anterior tibial, in revascularization, 907
  hepatic, accidental ligation of, 822
  renal, lesions of, 78, 84
Atresia
  esophageal, 406
  of extrahepatic bile duct, 458
Autocannibalism in tetraplegic patient, 642

Bacteremia, gram-negative rod, and infections, 701
Bacteria, regurgitation of, in pancreatitis, 317
Bacterial flora and sepsis, 696
Bile
  duct, extrahepatic, atresia of, 458
  normal, macromolecular complex in, 371
  secretion, physiology of, 367
Biliary tree, dynamics of, 365
Billroth 1 gastrectomy and combined operation for duodenal ulcer, 283
Biopsy, scalene node, for systemic disease, 769
Blood
  coagulation studies from two sides of heart, 861
  pressure, arterial, variations in, 863
Bone grafts, irradiated, 833
Bones, facial, fibrous dysplasia of, 556
Bowel, large, chemotherapy in cancer of, 609
Brain, spread of ependymoma to, 765
Breast
  carcinoma of, with axillary metastases, 850
  occult carcinoma of, 553
Bromsulphalein test, validity of, in upper gastrointestinal hemorrhage, 306
Burns in children, 537

Caloric requirements, 384, 390
Cancer
  chemotherapy study, report of, 609
  colonic, 346
  of large bowel, adjuvant chemotherapy in, 609
Carcinoid
  appendiceal, with carcinoid syndrome, 730
  malignant appendiceal, with regional lymph node metastasis, 855
  syndrome, appendiceal carcinoid with, 730

Carcinoma
in situ of cervix (TBC), 902
occult, of breast, 553
of ampulla of Vater, 572
of breast with axillary metastases, 850
of stomach, 620, 837
pancreatic and periampullary, 313
Cardiac defects, cyanotic congenital, shunting procedures for, 469
Cardiovascular surgery in infancy, 474
Central nervous system, infections of, 678
Cervix, carcinoma *in situ* of (TBC), 902
Chemotherapy, adjuvant, in cancer of large bowel, 609
Children
and infants, angiomas in, 511
splenectomy in, 523
ventricular septal defects in, 480
burns in, 537
fractures in, 531
Cholangiojejunostomy, bilateral intrahepatic, 777
Cholecystography, development of, 361
Chondroma, periosteal, 773
Clostridium perfringens, 689
Coagulation
miniature forceps, and hemostasis, 660
studies on blood from heart, 861
Coarctation of aorta in hypertension, 14
Colic, abdominal, and hematemesis, 781
Colitis
passive antibody induced, in dog, 337
ulcerative, in children, 452
Colon
antibiotic therapy in surgery of, 810
cancer of, 346
Common duct, drainage of, and T tubes, 666
Coronary sinus flow, recording of, 863
Corrosive agent, ingestion of, and stenosis of gastric antrum and duodenum, 580
Cranioplasty, variations of, 802
Cushing's syndrome, treatment of, 144

Decompression, portal, in children, 447
Defects, repair of, after resection of abdominal wall, 586
Denervation of viscera for shock, 723
Diagnostic corner, 662
Diverticulum
intraluminal duodenal, 875
Meckel's, leiomyosarcoma of, 881
perforated duodenal, 885
d-Pantothenyl alcohol and intestinal function, 813
Drainage, common duct, and T tubes, 666
Duodenal diverticulum, intraluminal, 875
Duodenum
and gastric antrum, stenosis of, 580
perforated diverticulum of, 885
ulcer of, 289
combined operation and Billroth I gastrectomy in, 283
Duplication
of alimentary tract, 434
rectal, 887
Dynamics, peripherovascular, alteration of, 899
Dysplasia, fibrous, of facial bones, 556

Electrolyte requirements, 384, 390
Empyema and pulmonary abscess, 683
Emulsion, fat, extravasation of intravenous infusion of, 878
Ependymoma, from brain to lungs, 765
Esophagus
achalasia of, 249
atresia of, 406
terminal, leiomyoma of, 858
Ewing's sarcoma in siblings, 598

Face, bones of, fibrous dysplasia of, 556
Fiber optic bundle, translumination with, 911
Fistulas, gastrocolic and gastrojejunocolic, 744
Flora, bacterial, of clean wounds, and sepsis, 696
Fluid requirements, 384, 390
Foot and leg, revascularization of, 907
Forceps coagulation, miniature, and hemostasis, 660
Foreign bodies in alimentary tract, 422
Fractures in children, 531
Freezing
gastric, for peptic ulcer, 268
mucosal changes after, 277

Gallbladder
hemorrhage, 781
macromolecular complex in bile of, 371
Gangrene, midgut, after resection of aortic aneurysm, 785
Gastrectomy, Billroth I, for duodenal ulcer, 283
Gastrocolic fistulas, 744
Gastrointestinal tract, carcinoid tumors of, 329
Gastrojejunocolic fistulas, 744
Germfree laboratory, technology of, 710
Gland, adrenal, in hypertension, 136
Grafts, bone, irradiated, 833
Granuloma, giant cell reparative (TBC), 647
Gynecomastia and interstitial cell tumor of testis, 760

Hamartoma, endobronchial, 637
Heart
coagulation studies on blood from, 861
disease, congenital, diagnosis in, 463
Hematemesis and abdominal colic, 781
Hematoma, intramural, of small intestine, 891
Hemipelvectomy and soft tissue tumors, 604
Hemorrhage
adenotonsillar, 899
upper gastrointestinal, bromsulphalein test in, 306
prognosis, in, 297
Hemostat, improved, 919

Hepatic artery, accidental ligation of, 822
Hernia, 486
  hiatus, 895
    treatment of, 253
  hydrocele and undescended testicle, 486
  incarcerated inguinal, 868
  recurrent inguinal, 739
  reversed perineal sciatic, 883
Herniorrhaphy
  hiatus, vagotomy and drainage, 253
  inguinal, 569
Hiatus hernia, 895
Homograft survival, kidney, lymphatic ablation in, 547
Hydrocele, 486
Hyperadrenocorticism and adrenocortical hyperplasia, 123
Hyperplasia
  adrenocortical, 123
  frozen section technic in, 121
  hyperadrenocorticism caused by, 123
  juxtaglomerular body, diagnosis of, 121
Hypertension
  adrenal, 136
  adrenal gland in, 136
  adrenalectomy and sympathectomy in, 211
  background of, 21
  diagnosis of, by urinalysis, 38
  essential, choice of treatment in, 220
    drug and surgical therapy for, 204
    management of, 204
    mechanisms in, 202
  from coarctation of aorta, 14
  of Cushing's syndrome, treatment of, 153
  renal, 21
    and renal arteriography, 816
    clinical characteristics of, 35
    diagnosis of, 43, 67
    function studies in, 50
    initiation and maintenance of, 26
    management of, 104
    surgical treatment of, 97
    ureteral catheterization in, 67
  renovascular, renal function studies in, 58
  study of, 5
Hyperthyroidism, I^{131} in (E), 545

I^{131} in hyperthyroidism, 545
Immobilization, animal, 669
Incisions, healing of, and adhesive tape, 591
Infants
  and children, angiomas in, 511
    splenectomy in, 523
    ventricular septal defects in, 480
  cardiovascular surgery in, 474
  newborn, abdominal masses in, 502
Infections
  clostridial, 689
  gynecologic, at Boston City Hospital, 673
Infections
  Herellea species, and bacteremia, 701
  of central nervous system, 678
Infrarenal aortic aneurysm and midgut gangrene, 785
Inguinal hernia
  incarcerated, reduction of, 868
  recurrent, 739
Intestine
  function of, and d-pantothenyl alcohol, 813
  nonsuture anastomosis of, 353
  small, intramural hematoma of, 891
Intrahepatic cholangiojejunostomy, bilateral, 777
Intussusception, 443
  intrarectal, of rectal mucosa, 754
Iodine-detergent scrub solution, 693
Irradiation, cathode, of bone grafts, 833
Ischemia, renal, frozen section technic in, 121

Jejunostomy, feeding, 653
Justifying our existence (presidential address), 233

Kidney
  function of, radioisotope studies in, 50
  homograft survival, lymphatic ablation in, 547
  ischemia of, 121
  isolated, cooling of, 789

Leg and foot, revascularization of, 907
Leiomyoma of terminal esophagus, 858
Leiomyosarcoma of Meckel's diverticulum, 881
Ligation, accidental, of hepatic artery, 822
Lipoma, a reversed perineal sciatic hernia, 883
Liposarcomas, 725
Little things that count (E), 791
Liver, metabolism of, during surgery, 239
Lungs, spread of ependymoma to, 765
Lymph node metastasis and appendiceal carcinoid, 855

Macromolecular complex, studies on, 371
Meckel's diverticulum, leiomyosarcoma of, 881
Metabolism, hepatic, stability of, during surgery, 239
Metastases, axillary, and carcinoma of breast, 850
Metastasis, lymph node, and appendiceal carcinoid, 855
Monitors in operating room, 595
Mucosa
  changes in, after gastric freezing, 277
  gastric, lining of rectal duplication by, 887
Muscle, internal oblique, in inguinal herniorrhaphy, 569

Neck dissection, simultaneous bilateral, 565
Necrosis, subcutaneous fat, 878
Neonatal surgery at Cook County Hospital, 792
Nephroblastoma and neuroblastoma, 497
Neuroblastoma and nephroblastoma, 497
Newborn infants, surgery of, 792

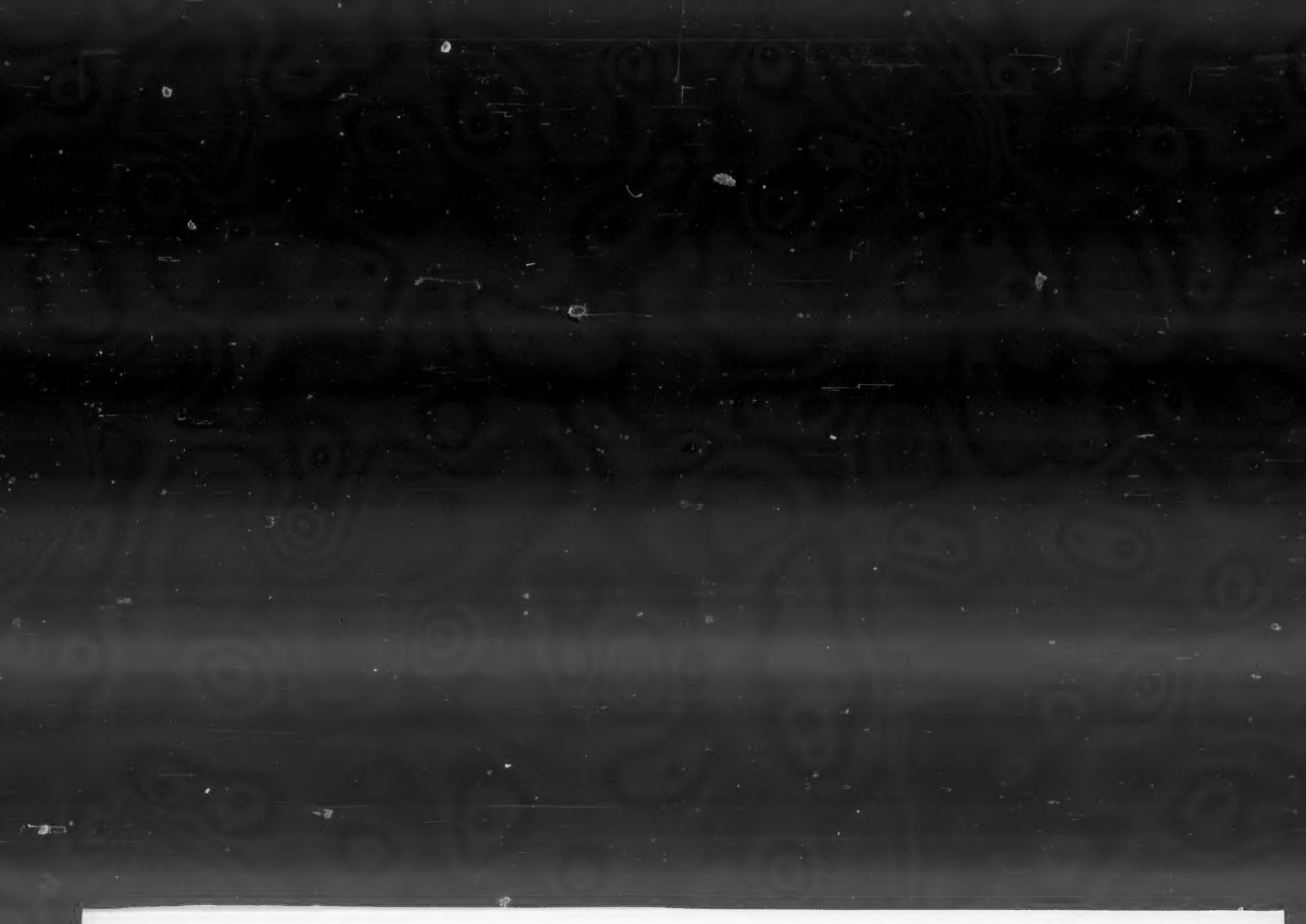
Obstruction, partial airway, 899
Osteosarcoma, 556
Our surgical heritage, 920

Pancreas
  carcinoma of, 313
  surgery of, prevention of ulcer after, 258
Pancreaticoduodenal arteries, aneurysms of, 644
Pancreatitis, experimental, bacterial regurgitation in, 317
Periosteal chondroma, 773
Pheochromocytoma, diagnosis of, 192
Portacaval transposition, isolated kidney cooling during, 789
Presidential address, papers of the Society for Surgery of the Alimentary Tract, 233
Prosthesis, Teflon tendon, 791
Pulmonary abscess and empyema, 683
Pylorus, stenosis of, 429

Radioisotope
  tests in diagnosis of renal hypertension, 43
  studies of renal function, 50
Radiology, diagnostic, in pediatrics, 400
Rectal mucosa, intussusception of, 754
Rectum
  carcinoid tumors of, 844
  duplication of, 887
Reflux, vesicoureteral, 492
Renal
  arteries, visualization of, 733
  arteriography and renal hypertension, 816
  artery, lesions of, surgery for, 84
  function studies in hypertension, 50
Renogram in diagnosis of renal hypertension, 43
Renovascular hypertension, diagnosis of, 58

Sarcoma, Ewing's, in siblings, 598
Scalene node biopsy for systemic disease, 769
Scissors, electrosurgical, 917
Scrub solution, iodine-detergent preoperative, 693
Sepsis
  and bacterial flora, 696
  and hemolytic anemia, 686
Shock, denervation of viscera for, 723
Skull defects, repair of, 802
Splenectomy in pediatric patient, 523
Stenosis
  infantile pyloric, 429
  of gastric antrum and duodenum, 580
Stomach, carcinoma of, 620, 837
Subphrenic abscess, 614
Superinfection from antimicrobial therapy and prophylaxis, 704
Sympathectomy and adrenalectomy, 211
Symposium on
  hypertension, introduction to, 1
  pediatric surgery, foreword to, 383
  surgical infections, introduction to, 671

Teflon tendon prosthesis, 791
Tendon prosthesis, Teflon, 913
Testicle, undescended, 486
Testis, interstitial cell tumor of, and gynecomastia, 760
Tetraplegia and autocannibalism, 642
Thiersch operation and intussusception, 754
Thyroidectomy, transthoracic, 751
Translumination, operative, with fiber optic bundle, 911
Transposition, portacaval, 789
Trauma
  blunt abdominal, 321
  miliary tuberculosis after, 871
T tubes, silicone rubber, for common duct drainage, 666
Tuberculosis
  miliary, after trauma, 871
    simulating intra-abdominal complications, 871
  of alimentary tract, 340
Tumors
  carcinoid, of gastrointestinal tract, 329
    of rectum, 844
  interstitial cell, of testis, 760
  soft tissue, of lower extremity, hemipelvectomy for, 598

Ulcer
  chronic duodenal, 283
  duodenal, mortality after vagotomy and antrectomy for, 289
  peptic, gastric freezing for, 268
  prevention of, after pancreatic surgery, 258
Urinalysis, value of, in diagnosis of hypertension, 38

Vagotomy
  and antrectomy for duodenal ulcer, 289
  subdiaphragmatic, leiomyoma of esophagus discovered during, 858
  transabdominal, hiatus hernia as complication of, 895
Vater, ampulla of, carcinoma of, 572
Ventricular septal defects, surgery for, in infants and children, 480
Vesicoureteral reflux, 492
Viscera
  abdominal, flow potential of, 785
  denervation of, 723